

Abstract

Known fuel injectors have a valve-closure member, which cooperates with a sealing seat of a valve seat, and a flow exit region situated downstream from the sealing seat, the fuel spray generated by the fuel injectors having an average droplet

5 diameter that is not small enough for future regulations governing exhaust emission.

In the fuel injector according to the present invention the atomization is improved in a simple manner and the average droplet diameter is reduced without additional auxiliary power.

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The present invention provides that the projections (22) which influence the fuel flow be situated in the flow exit region (14).